

PTO 1449

INFORMATION DISCLOSURE CITATION

Atty. Docket No.:

448563/163

Serial No:

New application

Applicant:

Minoru Usui et al.

Filing Date:

Herewith

Group:

jc542 U.S. PTO
09/312073
05/13/99

U.S. PATENT DOCUMENTS

Ex. Init		Document Number	Issue Date	Name	Class	Subclass

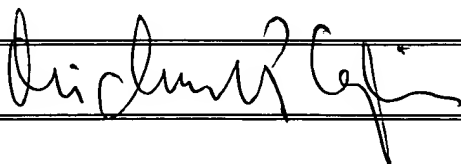
FOREIGN PATENT DOCUMENTS

Ex. Init		Publication Number	Publication Date	Country	Class	Translation
Am	A	8-132635	5/28/96	Japan		No

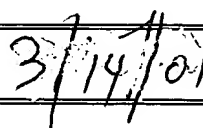
OTHER DOCUMENTS

Ex Init		Document Identification

Examiner:



Date Considered:



INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 448563/163	SERIAL NO. 09/312,073
	FILING May 13, 1999	GROUP 2853

U.S. PATENT DOCUMENTS

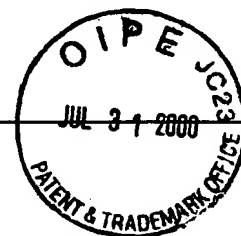
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Am	A	10-58696	3/3/98	Japan	—	—	E	
	B	11-132474	5/21/99	Japan	—	—	A	
	C	10-058696	8/13/96	Japan	—	—	A	
	D	EP 0 832 747	4/1/98	EP	—	—	Yes	
m	E	10-119314	5/12/98	Japan	—	—	E	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Am		F	A copy of a Japanes office action dated 3/15/00, JPO, pp 1-5
			<div style="text-align: center;"> E= English language equivalent follows Japanese A= Abstract attached </div>



EXAMINER <i>[Signature]</i>	DATE CONSIDERED 3/14/01
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. 448563/163	SERIAL NO. 09/312,073
	FILING May 13, 1999	GROUP 2853

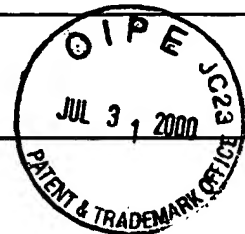
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
G		11-132747	5/21/99	Japan			A	
H		10-119314	5/12/98	Japan			E	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



EXAMINER <i>Richard L...</i>	DATE CONSIDERED <i>3/14/01</i>
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

448563/1

Application Number

09/312,073

Applicant(s)

Minoru Usui et al.

Filing Date

5/13/99

Group Art Unit

2853

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
M	A	GB 2 316 657	4/3/1998	U.K.			✓	
M	B	JP 11070673-A		Japan			abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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